

Abstract of the Disclosure

The present invention includes an aerosol SWC composition for welding plastic pipe, and a method of using same. The aerosol SWC composition and the method of use may be applied to weld a variety of plastic pipe in a wide array of applications.

5 In general, the aerosol SWC composition of the present invention comprises: (a) at least one resin adapted to bond to the plastic pipe; (b) at least one solvent; and (c) at least one propellant, wherein the composition is under a pressure greater than ambient atmospheric pressure. The method comprises the steps of:

10 (a) obtaining a pressurized aerosol solvent weld cement composition in a dispensing container, the composition comprising: (1) at least one resin adapted to weld to plastic pipe, (2) at least one solvent, and (3) at least one propellant, with the composition being under a pressure greater than ambient
15 atmospheric pressure, and with the composition being disposed in a container adapted to contain the pressurized aerosol solvent weld cement composition, with the container comprising an outlet and a valve to control the release of the pressurized aerosol solvent weld cement from the container; and (b) opening the valve
20 so as to cause the pressurized aerosol solvent weld cement composition to be released from the container onto at least one of the two sections of plastic pipe at the prospective location of the junction; and (c) adjoining the two sections of plastic pipe so as to form the junction by welding action.